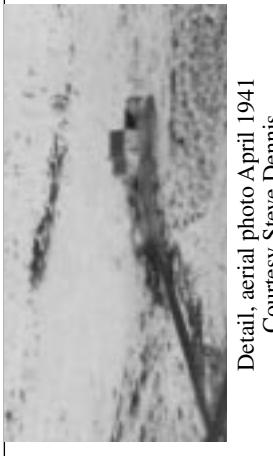
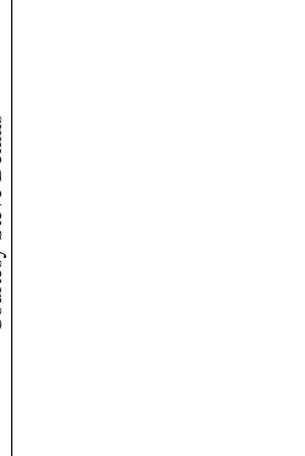
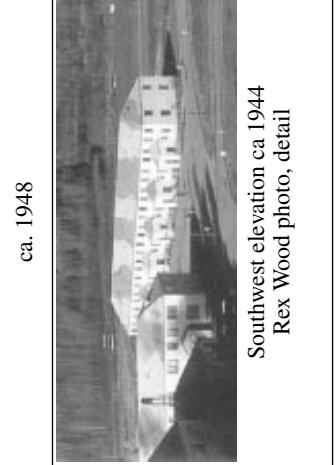


## APPENDIX A: Ladd Field NHL Contributing Buildings

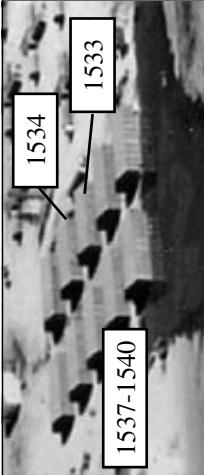
Present Number	Present Appearance	Historic Appearance	Date Completed	Historic Name/Description*
1021		 Detail, aerial photo ca 1942-43 East and north elevations	1942	Nurses' Quarters  A one-story, wood frame 800 series building on a concrete foundation. The exterior is covered with shiplap siding. The gable roof has standing seam metal roofing. Windows on the north and south elevations are evenly spaced 1/1 double hung sash type. The east and west gable ends have centered personnel doors flanked by 1/1 double hung sash windows. A gabled roof arctic entry covers each personnel door. Exterior doors and windows have been replaced and otherwise altered over time.
1024		 Detail, aerial photo April 1941 Courtesy Steve Dennis	1941	Radio Transmitter Building (MARS Building)  A one-story, wood frame building covered with shiplap siding, with a concrete foundation. It has a steep gable roof covered with copper sheeting, which was replaced in 2001. It is the only original North Post building that still has a copper roof. The south-facing front elevation has a personnel door at the top of a stoop. A garage is attached to the west gable end.
1043			1944	Chapel  A one-story, wood frame 800 series building with aluminum siding and a post and pad foundation. The gable roof is covered with metal. A steeple rises from the south elevation. Below it is centered a triple window, with three multi-light fixed sash windows. A gable-roofed enclosed entry extends from the south elevation. The east and west elevations have five long fixed sash windows and double hung sash windows at each end. The north elevation is plain. Roofing and siding have been replaced over time.



 <p>1045</p> <p>North and west elevations</p>	<p>South and west elevations, ca 1941 Courtesy Steve Dennis</p>	<p>1941</p> <p>None located</p>	<p>Bachelor Officers' Quarters (BOQ) A T-shaped two story wood frame building with concrete foundation and hipped roof. It currently has aluminum siding and [type shingle] roof. The west elevation has a two-story gable roofed entry. Windows are 1/1 double hung sash type.</p>
 <p>1046</p>	<p>Garage</p>	<p>1941</p>	<p>A one-story, wood frame building with a concrete pony foundation and concrete floor, and hipped roof. Garage doors are flanked by 8-sided windows on the east and west elevations. The north and south elevations have personnel doors and six 2/2 double hung sash windows. Siding and garage doors have been replaced over time.</p>
 <p>1047</p>	<p>Officers' Quarters</p>	<p>1941</p>	<p>A two-story, seven-apartment wood frame building with a concrete foundation and hipped roof. The building currently has aluminum siding and a 1960s standing seam metal roof. Windows have also been replaced over time. Four gabled roof arctic entries are located on the northwest elevation; the southeast elevation has four hip roofed, enclosed porches.</p>
			<p>Southwest elevation, ca 1944 Rex Wood photo, detail</p>

	<p><b>Commander's Quarters</b> A two-story, wood frame residence with a concrete foundation, full basement and attic. It has aluminum siding and a 1960s standing seam metal hipped roof. The south elevation has a centered arctic entry and a gabled dormer on the roof. The north elevation is similar to the south elevation. The east and west elevations have two 1/1 double hung sash windows evenly spaced on both floors.</p>	1941	
	<p><b>NCO Quarters/Transient Quarters</b> A two-story, twelve-apartment wood frame building with a concrete foundation and hipped roof. It has aluminum siding and a 1960s standing seam metal roof. Windows have also been replaced over time. Gabled roof arctic entries are located on the northeast elevation.</p>	ca. 1948	1941
	<p><b>NCO Quarters/Transient Quarters</b> A two-story, twelve-apartment wood frame building with a concrete foundation and hipped roof. It has aluminum siding and a 1960s standing seam metal roof. Windows have also been replaced over time. Gabled roof arctic entries are located on the northeast elevation.</p>	1941	
	<p><b>NCO Quarters/Russian quarters</b> A two-story, fourteen-apartment wood frame building with a concrete foundation and hipped roof. It has aluminum siding and a 1960s standing seam metal roof. Windows have also been replaced over time. Gabled roof arctic entries are located on the south elevation.</p>	1941	See photo above; partially visible on left.



			Cold Weather Test Shop A one-story prefabricated Butler building with concrete foundations and floor and shallow gable roof. The building was resided with insulated metal panels in the 1990s. Doors consist of sectional overhead garage doors flanked by personnel doors on the gable end. The building's original windows have been sided over. Other buildings in this cluster are of similar design, massing, and fenestration. Four buildings in the original cluster are no longer extant: the buildings immediately south of 1533 and north of 1534, and the two southernmost buildings. Building 1533 was used during WWII by Wright Field cold weather test personnel assigned to Ladd Field projects. It is presently outgranted to BLM.
1534	Ca. 1948, looking northeast	1944	
1533		1944	
1537		1944	

1538	See above	See above	1944	Cold Weather Test <i>See Bldg 1533 description above. Used during WWII as CWTID Supply. Presently outgranted to BLM.</i>
1539	See above	See above	1944	Cold Weather Test <i>See Bldg 1533 description above. Used during WWII as CWTID Supply. Presently outgranted to BLM.</i>
1540	See above	See above	1944	Cold Weather Test <i>See Bldg 1533 description above. Used during WWII for clerical and ground equipment storage. Presently outgranted to BLM.</i>
1543			1943	Barracks/Theater/PX/Hospital <i>A U-shaped, two-story, metal frame building with a full daylight basement and hipped roof, cement foundation and concrete floors. A central entry is located on the west elevation. Windows are 1/1 double hung sash type. Roofing and siding have been replaced over time. Portions of the building were in use by 1942.</i>
1555			1943	Rex Wood photo, detail
1556			1943	Warehouse <i>A one-story prefabricated Butler building with concrete foundations and floor and shallow gable roof. Exterior is sided by prefabricated insulated metal panels. Windows are 1/1 double hung sash type.</i>
	None located			



		<b>Hangar One</b> A three-story, metal-sided "base hangar" with a concrete foundation and floor. The wood Howe truss is supported by steel columns with concrete footings. Stairwell towers are located at each corner. The east elevation has two large hangar door openings and the west elevation has one large hangar door opening. Over time, windows have been removed, the building has been resided, and original hangar doors have been replaced. During WWII, Hangar One was Ladd Field base headquarters and housed Cold Weather Test Detachment and Russian Lend-Lease operations.
1941		Gas and Utility Storage A one-story, steel frame building with concrete foundation and floor steel roof and metal siding. A concrete loading dock and a shed roofed section were added in 1949. Windows are II double hung sash type. North and south elevations have personnel doors, and the south elevation has an arctic entry. Windows, exterior doors, siding and roof have been replaced.
1942		Quartermaster Warehouse A two-story, gabled roof building with one-story north and south wings and concrete foundation, metal siding and metal roof. Windows, siding and roofing have been replaced over time. An original rear warehouse section was destroyed by fire in 1962. During WWII the building contained a warehouse, fire house, finance office, quartermaster office, freight office, commissary, laundry pickup, signal office, guard station and brig.
1557		None located
1558		
1562		

	<b>Hangar #6</b> A Birchwood hangar designed by the Seattle district engineer of the Army Corps of Engineers based on a prototype at Birchwood, Alaska. The hangar has wood framing and a concrete foundation and floor. The roof is supported by timber bowstring trusses on timber columns. Two-story wings on the north and south side have paired windows evenly spaced the length of both floors. The east and west elevations have large hangar door openings covered by fabric curtains. Siding, window frames, roofs, and hangar doors have been replaced. During WWII, Hangar #6 housed shops and an extensive photo lab.	1944	Ammunition storage, general storage A reinforced concrete Type 49 Ammo Igloo, one of six originally built at Ladd Field designed to withstand a bomb's direct hit. It features a concrete barrel roof 20 feet high mounded over with 3 feet of earth. Only the south elevation with its concrete wall and steel door is exposed.	1942	<b>Hangar #3</b> See description of Hangar #6, Bldg 2085 above.	1944
2085		3203		3005		None located
						None located



3006		None located	A one-story manufactured Butler building with concrete foundations and floor, shallow gable roof, and metal-sided exterior. An overhead door is centered on the east and west elevations, with a personnel door adjacent on the right.	Warehouse A one-story manufactured Butler building with concrete foundations and floor, shallow gable roof, and metal-sided exterior. An overhead door is centered on the east and west elevations, with a personnel door adjacent on the right.
3008		1945	See description of Hangar #6, Bldg 2085 above. It is believed that Hangar #2 was the location of Northwest Airlines, Western Airlines, Priorities and Traffic and mail functions during WWII.	Hangar #2 See description of Hangar #6, Bldg 2085 above. It is believed that Hangar #2 was the location of Northwest Airlines, Western Airlines, Priorities and Traffic and mail functions during WWII.
3028		1944		Warehouse A one-story prefabricated Butler building with concrete foundations and floor, shallow gable roof, and metal-sided exterior.
3018	See below	None located	1944	Warehouse See description below
3019	See below	None located	1944	Warehouse See description below
3020	See below	None located	1944	Warehouse See description below
3021	See below	None located	1944	Warehouse See description below

3022	Photo shows left to right, 3018-3022		Warehouse
		1944	A one-story prefabricated Butler building with concrete foundations and floor, shallow gable roof, and metal-sided exterior. An overhead door is centered on the east and west elevations, with a personnel door adjacent on the right. Other buildings in this cluster are of similar design, massing, and fenestration.
		None located	Contributing Structures <i>In addition to the buildings listed above, structures are also contributing elements to the Ladd Field NHL. These include the north and south runways, WWII era aprons, North Post utilidors, and the following roads within the boundary: Gaffney Road, Kercham Road, Montgomery Road, Meridian Road, and Freeman, Marks, Chena and Nysteen roads.</i>
n/a	n/a	n/a	n/a

\* Adapted from NHL Boundary Reviews, 1991, 2001  
 Photo credits: Historic photos are AAF photos from WWII period unless otherwise noted. Current photos are USARAK CRM photos from 2001-2003.





## **APPENDIX B: Acronyms and Abbreviations**

---

### **Acronyms**

AAC	Army Air Corps
AACS	Army Airways Communications System
AAF	Army Air Forces
ACS	Alaska Communications System
ADG	Air Depot Group
AFB	Air Force Base
ALSIB	Alaska-Siberia Lend-Lease route
ATC	Air Transport Command
AWS	Aircraft Warning Service
BOQ	Bachelor officers' quarters
CAA	Civil Aeronautics Administration
CCC	Civilian Conservation Corps
CWTD	Cold Weather Test Detachment
MARS	Military Affiliate Radio System
NCO	Non-commissioned officer
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Properties
QMC	Quartermaster Corps
T/O	Theater of Operations (building type)
USAF	United States Air Force
USAG-AK	United States Army Garrison Alaska
USARAK	United States Army Alaska
USO	United Service Organization
WAC	Women's Army Corps

### **Abbreviations for reference material and collections**

HAD	History of the Alaskan Department, June 1940-June 1944
HCWTD	History, Cold Weather Test Detachment, 1 Feb 1942-12 Jan 1945
MHR	Monthly Historical Report
NARA	National Archives and Records Administration
OHLF	Official History of Ladd Field, Fall 1938-31 January 1944
RCWTD	Report of Cold Weather Test Detachment, Winter of 1942-1943
UAA	University of Alaska Anchorage
UAF	University of Alaska Fairbanks





## **APPENDIX C:** National Historic Landmarks Associated with the War in the Pacific, 1941-1945

Adak Army Base and Adak Naval Operating Base, AK  
Attu Battlefield and U.S. Army and Navy Airfields, AK  
Dutch Harbor Naval Operating Base and Fort Mears, AK  
Hickam Field, HI  
Japanese Occupation Site, Risks Island, AK  
Kodiak Naval Operating Base and Forts Greely and Abercrombie, AK  
Kwajalein Island Battlefield, Marshall Islands  
**Ladd Field, AK**  
Landing Beaches, Aslito/Isley Field and Marpi Point, Northern Marianas Islands  
Manzanar War Relocation Camp, CA  
Peleliu Battlefield, Republic of Palau  
PT 796, MA  
Roi-Namur Battlefield, Marshall Islands  
San Francisco Port of Embarkation, CA  
Sitka Naval Operating Base and U.S. Army Coastal Defenses, AK  
Springfield Armory, MA  
S.S. Jeremiah O'Brien, CA  
Tinian Landing Beaches, Ushi Point Field and North Field, Northern Marianas Islands  
Trinity Site, NM  
Truk Lagoon Underwater Fleet, Micronesia  
Harry S Truman Farm Home, MO  
Harry S Truman Historic District, MO  
United States Capitol, DC  
U.S. Car No. 1 (Ferdinand Magellan), FL  
United States Naval Base, Pearl Harbor, HI  
Wake Island  
Warm Springs Historic District, GA  
Warships: U.S.S. Alabama, AL, U.S.S. Becuna, PA, U.S.S. Bowfin, MI, U.S.S. Cassin Young, MA, U.S.S. Cobia, WI, U.S.S. Cod, OH, U.S.S. Drum, AL, U.S.S. Hazard, NE, U.S.S. Inaugural, MO, U.S.S. Intrepid, NY, U.S.S. Kidd, LA, U.S.S. Laffey, SC, U.S.S. Lionfish, NA, U.S.S. Massachusetts, MA, U.S.S. North Carolina, NC, U.S.S. Pampanito, CA, U.S.S. Silversides, IL, U.S.S. The Sullivans, NY, U.S.S. Texas, TX, U.S.S. Torsk, MD, U.S.S. Yorktown, SC

Source: National Park Service, [http://www.cr.nps.gov/history/online\\_books/thematic87/theme3-8.htm](http://www.cr.nps.gov/history/online_books/thematic87/theme3-8.htm)





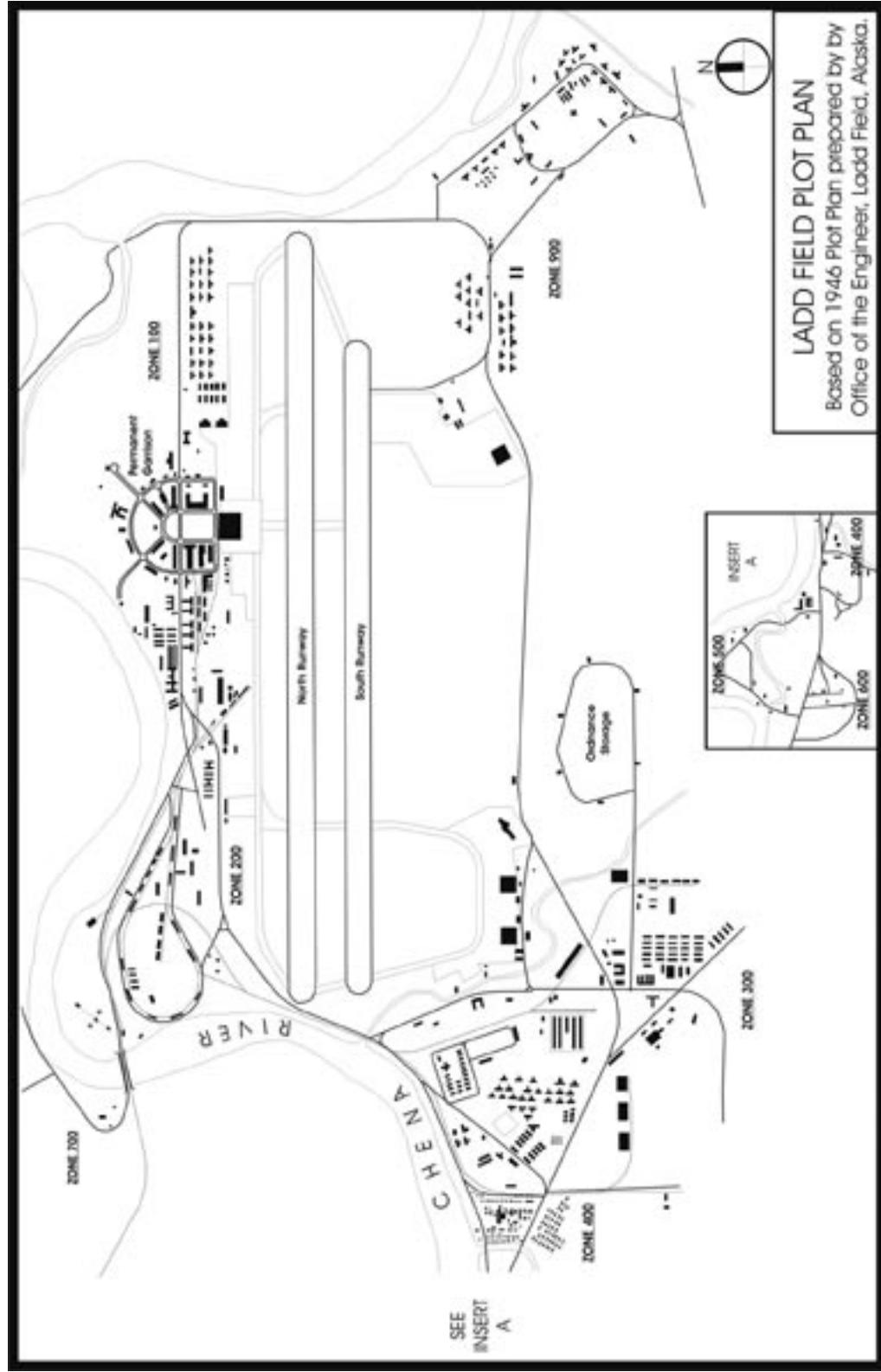
## APPENDIX D: Ladd Field Plot Plans, 1942 and 1946



Map 6. Ladd Field plot plan ca. 1942.







Map 7. Ladd Field plot plan, ca. 1946.



